

SECTION 2: INTERIM LOAD TARGETS AND FINAL NUTRIENT AND SEDIMENT ALLOCATIONS

The following tables show the proposed TMDL allocations by source sector and river basin for the year 2025 and the target loads for the year 2017 which represent 60% of the 2025 allocations.

Table 2.1: VIRGINIA CHESAPEAKE BAY TMDL ALLOCATIONS: NITROGEN - 2025 [Million Pounds/Year]

THESE SECTOR ALLOCATIONS WILL BE REVIEWED/ADJUSTED IN 2017

Source Sector	Potomac	Rappahannock	York	James	Eastern Shore	VA TOTAL
Agriculture	6.359	2.515	1.404	4.253	0.890	15.421
Urban Runoff ¹	2.635	0.403	0.445	2.534	0.050	6.067
Wastewater ¹	3.743	0.640	1.201	12.491	0.087	18.162
On-Site ¹	0.597	0.322	0.487	0.923	0.076	2.405
Forest	4.197	1.886	1.782	6.048	0.162	14.076
Non-Tidal Dep	0.103	0.073	0.089	0.320	0.032	0.617
Total	17.634	5.839	5.409	26.569	1.297	56.748
Basin Allocations	17.464² 17.634	5.840	5.410	23.480⁴	1.210³ 1.297	53.662⁴

¹Allocations for these source sectors can be attained through expansion of the VA Nutrient Credit Exchange Program

²For Potomac, a portion of the TP allocation is transferred to the TN allocation using 1:5 ratio [added 170,000 lbs/yr of TN]

³For E Shore, a portion of the TP allocation is transferred to the TN allocation using 1:5 ratio [added 90,695 lbs/yr of TN]

⁴Refer to James River Strategy section of the WIP for Virginia's approach to conform with EPA's draft July 1 TMDL allocations by 2025; 3.3 MPY will be included in the TMDL as an aggregated allocation for reduction in the wastewater sector; adjustments in sector allocations will be made, as warranted, in 2017 following completion of scientific review of chlorophyll standards

**Table 2.2: VIRGINIA CHESAPEAKE BAY TMDL ALLOCATIONS:
PHOSPHORUS - 2025 [Million Pounds/Year]**

THESE SECTOR ALLOCATIONS WILL BE REVIEWED/ADJUSTED IN 2017

Source Sector	Potomac	Rappahannock	York	James	Eastern Shore	VA TOTAL
Agriculture	0.674	0.533	0.157	0.622	0.111	2.097
Urban Runoff ¹	0.273	0.094	0.090	0.528	0.009	0.994
Wastewater ¹	0.278	0.079	0.155	0.967	0.008	1.487
On-Site ¹	0	0	0	0	0	0
Forest	0.205	0.183	0.126	0.543	0.015	1.072
Non-Tidal Dep	0.008	0.007	0.009	0.030	0.002	0.056
Total	1.438	0.896	0.538	2.690	0.145	5.707
Basin Allocations	1.472 ² 1.439	0.900	0.540	2.340 ⁴	0.163 ³ 0.145	5.357 ⁴

¹Allocations for these source sectors can be attained through expansion of the VA Nutrient Credit Exchange Program

²For Potomac Basin, a portion of the TP allocation is transferred to the TN allocation using 1:5 ratio [removed 34,000 lbs/yr from TP]

³For E Shore, a portion of the TP allocation is transferred to the TN allocations using 1:5 ratio [removed 18,139 lbs/yr from TP]

⁴Refer to James River Strategy section of the WIP for Virginia's approach to conform with EPA's draft July 1 TMDL allocations by 2025; 0.35 MPY will be included in the TMDL as an aggregated allocation for reduction in the wastewater sector; adjustments will be made, as warranted, in 2017 following completion of scientific review of chlorophyll standards

**Table 2.3: VIRGINIA CHESAPEAKE BAY TARGET LOADS: NITROGEN
- 2017 [Million Pounds/Year]**

Source Sector	Potomac	Rappahannock	York	James	Eastern Shore	VA TOTAL
Agriculture	7.379	3.021	1.754	4.728	1.102	17.984
Urban Runoff ¹	2.733	0.426	0.475	2.700	0.054	6.388
Wastewater ^{1,3}	3.312	0.515	0.977	11.382	0.078	16.264
On-Site ¹	0.614	0.333	0.508	0.962	0.078	2.495
Forest	4.118	1.876	1.773	6.021	0.161	13.349
Non-Tidal Dep	0.102	0.072	0.089	0.316	0.031	0.610
Total	18.258	6.243	5.576	26.109	1.504	57.690
Target Loads²	18.624	6.291	5.789	26.109	1.538	58.352

¹Allocations for these source sectors can be attained through expansion of the VA Nutrient Credit Exchange Program

²Draft Target Loads for each basin set at 60% of 2025 Allocations; each sector may vary.

³Wastewater loads are expected to be below 2025 allocations which will aid in meeting the Commonwealth's 2017 target loads

**Table 2.4: VIRGINIA CHESAPEAKE BAY TARGET LOADS:
PHOSPHORUS - 2017 [Million Pounds/Year]**

Source Sector	Potomac	Rappahannock	York	James	Eastern Shore	VA TOTAL
Agriculture	0.796	0.604	0.194	0.761	0.131	2.486
Urban Runoff ¹	0.292	0.100	0.098	0.573	0.009	1.072
Wastewater ^{1,3}	0.254	0.060	0.142	0.775	0.005	1.236
On-Site ¹	0	0	0	0	0	0
Forest	0.203	0.182	0.128	0.554	0.013	1.080
Non-Tidal Dep	0.009	0.008	0.009	0.030	.001	0.057
Total	1.554	0.954	0.571	2.693	0.159	5.931
Target Loads²	1.643	0.974	0.574	2.720	0.159	6.070

¹Allocations for these source sectors can be attained through expansion of the VA Nutrient Credit Exchange Program

²Draft Target Loads for each basin set at 60% of 2025 Allocations; each sector may vary.

³Wastewater loads are expected to be below 2025 allocations which will aid in meeting the Commonwealth's 2017 target loads